FIG. 1

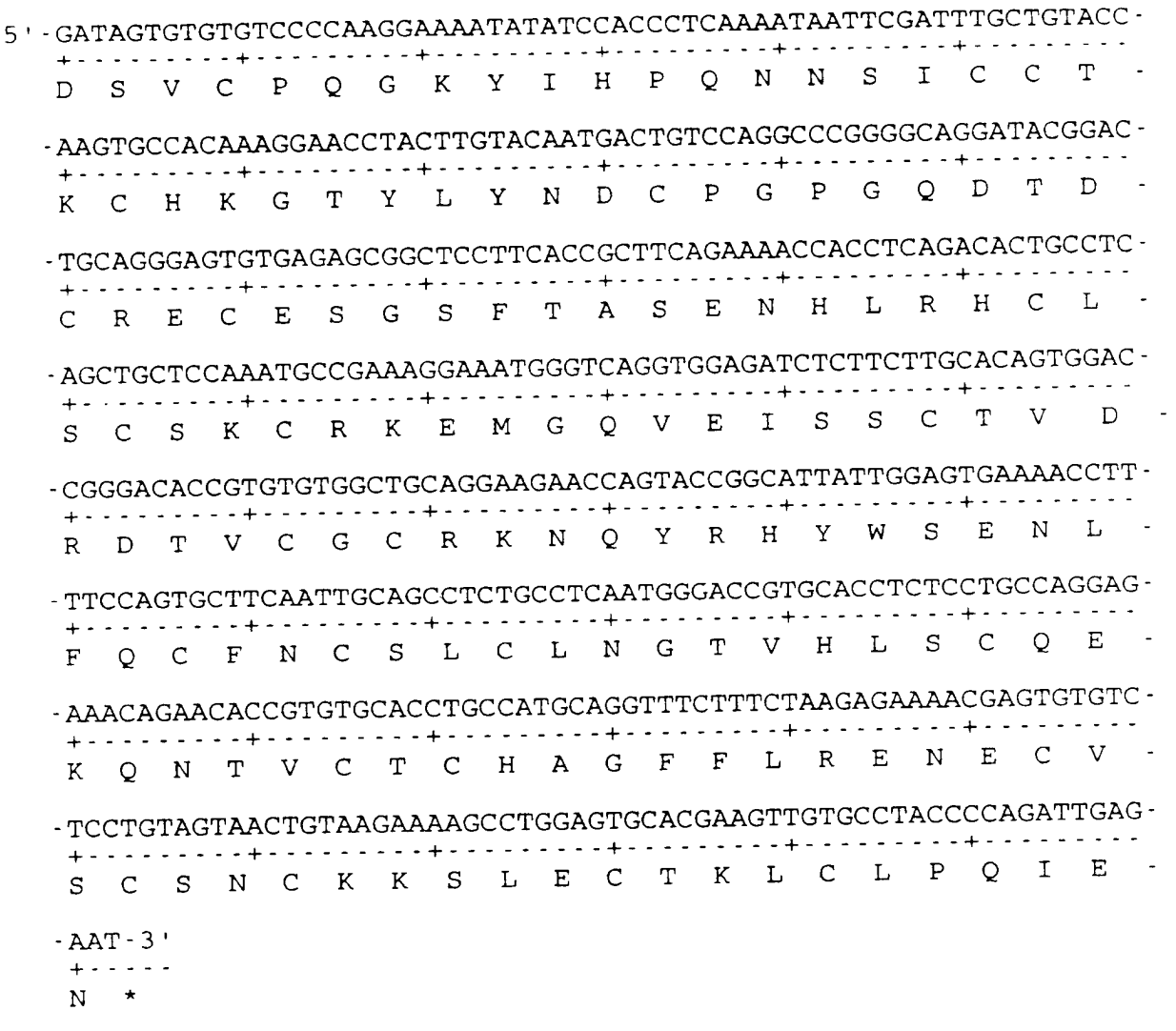

5'-GATAGTGTGTGTCCCCAAGGAAAATATATCCACCCTCAAAATAATTCGATTTGCTGTACC-
D S V C P Q G K Y I H P Q N N S I C C T
-AAGTGCCACAAAGGAACCTACTTGTACAATGACTGTCCAGGCCCGGGGCAGGATACGGAC-
K C H K G T Y L Y N D C P G P G Q D T D
-TGCAGGGAGTGTGAGAGCGGCTCCTTCACCGCTTCAGAAAACCACCTCAGACACTGCCTC-
C R E C E S G S F T A S E N H L R H C L
-AGCTGCTCCAAATGCCGAAAGGAAATGGGTCAGGTGGAGATCTCTTCTTGCACAGTGGAC-
S C S K C R K E M G Q V E I S S C T V D
-CGGGACACCGTGTGTGGCTGCAGGAAGAACCAGTACCGGCATTATTGGAGTGAAAACCTT-
R D T V C G C R K N Q Y R H Y W S E N L
-TTCCAGTGCTTCAATTGCAGCCTCTGCCTCAATGGGACCGTGCACCTCTCCTGCCAGGAG-
F Q C F N C S L C L N G T V H L S C Q E
-AAACAGAACACCGTGTGCACCTGCCATGCAGGTTTCTTTCTAAGAGAAAACGAGTGTGTC-
K Q N T V C T C H A G F F L R E N E C V
-TCCTGTAGTAACTGTAAGAAAAGCCTGGAGTGCACGAAGTTGTGCCTACCCCAGATTGAG-
S C S N C K K S L E C T K L C L P Q I E
-AAT-3'
N *

FIG.2

5'-CATATGGACAGCGTTTGCCCCCAAGGAAAATACATCCACCCTCAAAATAATTCGATTTGC-
M D S V C P Q G K Y I H P Q N N S I C
-TGTACCAAGTGCCACAAAGGAACCTACTTGTACAATGACTGTCCAGGCCCGGGGCAGGAT-
C T K C H K G T Y L Y N D C P G P G Q D
-ACGGACTGCAGGGAGTGTGAGAGCGGCTCCTTCACCGCTTCAGAAAACCACCTCAGACAC-
T D C R E C E S G S F T A S E N H L R H
-TGCCTCAGCTGCTCCAAATGCCGAAAGGAAATGGGTCAGGTGGAGATCTCTTCTTGCACA-
C L S C S K C R K E M G Q V E I S S C T
-GTGGACCGGGACACCGTGTGTGGCTGCAGGAAGAACCAGTACCGGCATTATTGGAGTGAA-
V D R D T V C G C R K N Q Y R H Y W S E
-AACCTTTTCCAGTGCTTCTGCTGATAGGATCC-3'
N L F Q C F C *

FIG.3

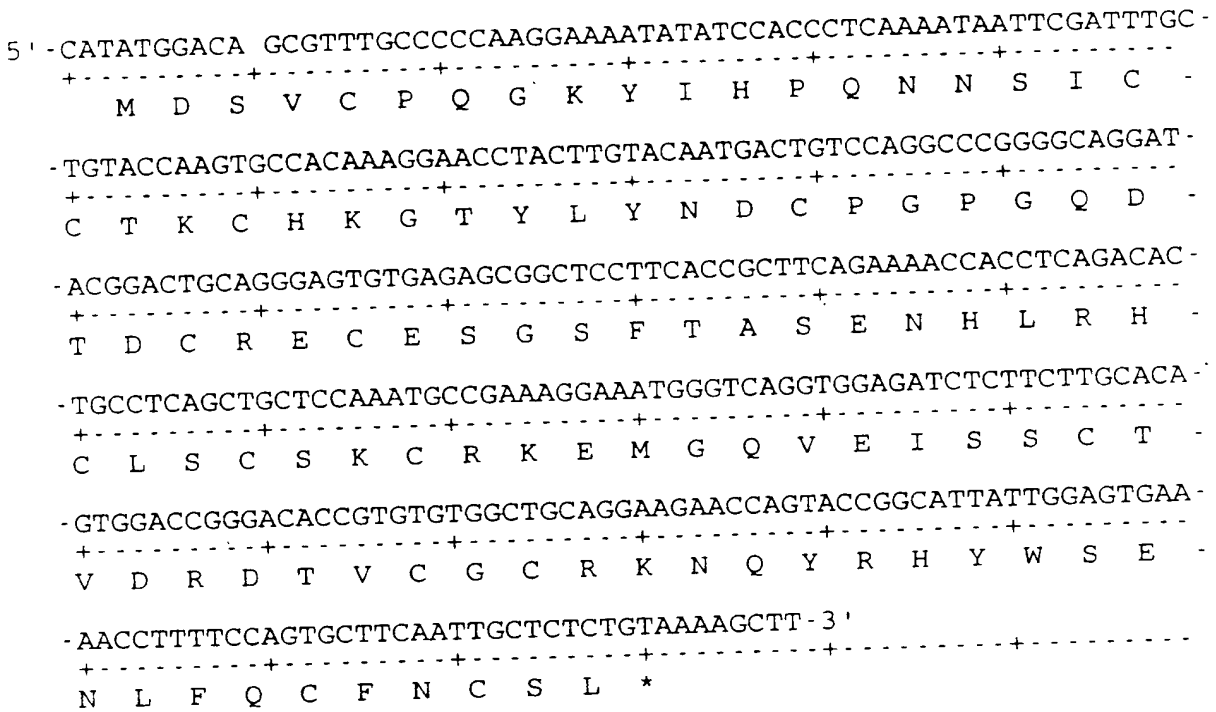

5'-CATATGGACA GCGTTTGCCCCCAAGGAAAATATATCCACCCTCAAAATAATTCGATTTGC-
M D S V C P Q G K Y I H P Q N N S I C -
-TGTACCAAGTGCCACAAAGGAACCTACTTGTACAATGACTGTCCAGGCCCGGGGCAGGAT-
C T K C H K G T Y L Y N D C P G P G Q D -
-ACGGACTGCAGGGAGTGTGAGAGCGGCTCCTTCACCGCTTCAGAAAACCACCTCAGACAC-
T D C R E C E S G S F T A S E N H L R H -
-TGCCTCAGCTGCTCCAAATGCCGAAAGGAAATGGGTCAGGTGGAGATCTCTTCTTGCACA-
C L S C S K C R K E M G Q V E I S S C T -
-GTGGACCGGGACACCGTGTGTGGCTGCAGGAAGAACCAGTACCGGCATTATTGGAGTGAA-
V D R D T V C G C R K N Q Y R H Y W S E -
-AACCTTTTCCAGTGCTTCAATTGCTCTCTGTAAAAGCTT-3'
N L F Q C F N C S L *

FIG.4

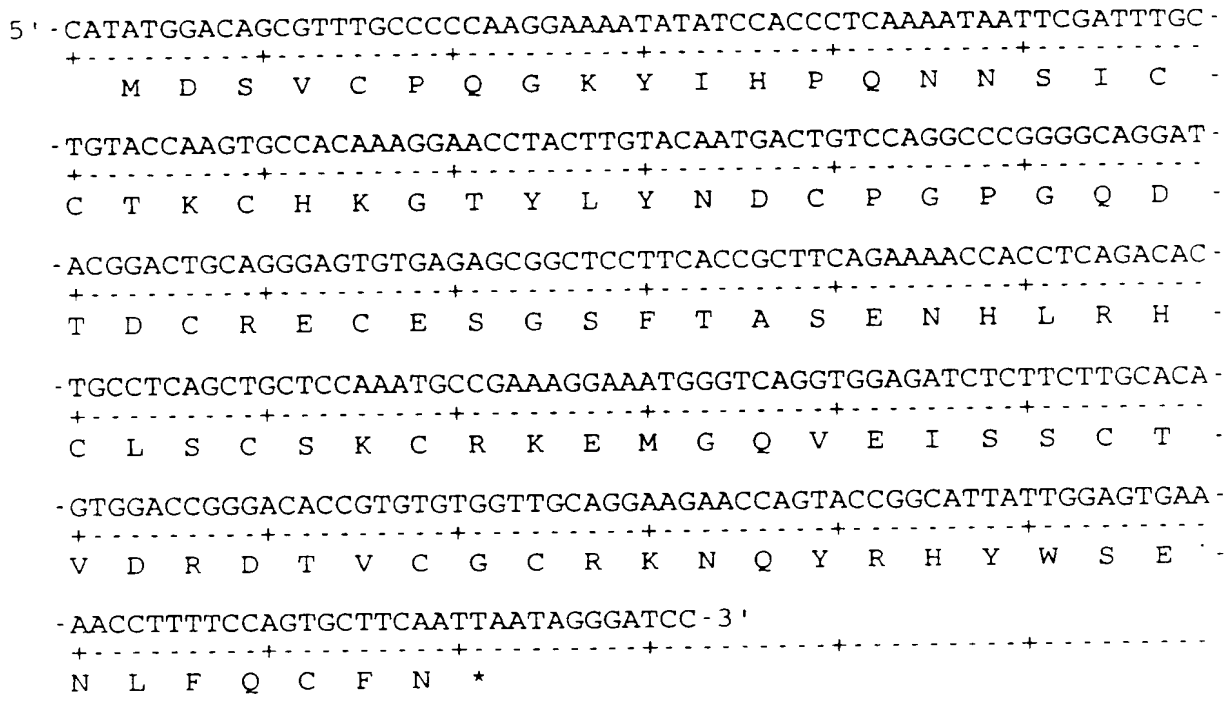

5'-CATATGGACAGCGTTTGCCCCCAAGGAAAATATATCCACCCTCAAAATAATTCGATTTGC-
M D S V C P Q G K Y I H P Q N N S I C
-TGTACCAAGTGCCACAAAGGAACCTACTTGTACAATGACTGTCCAGGCCCGGGGCAGGAT-
C T K C H K G T Y L Y N D C P G P G Q D
-ACGGACTGCAGGGAGTGTGAGAGCGGCTCCTTCACCGCTTCAGAAAACCACCTCAGACAC-
T D C R E C E S G S F T A S E N H L R H
-TGCCTCAGCTGCTCCAAATGCCGAAAGGAAATGGGTCAGGTGGAGATCTCTTCTTGCACA-
C L S C S K C R K E M G Q V E I S S C T
-GTGGACCGGGACACCGTGTGTGGTTGCAGGAAGAACCAGTACCGGCATTATTGGAGTGAA-
V D R D T V C G C R K N Q Y R H Y W S E
-AACCTTTTCCAGTGCTTCAATTAATAGGGATCC-3'
N L F Q C F N *

FIG.5

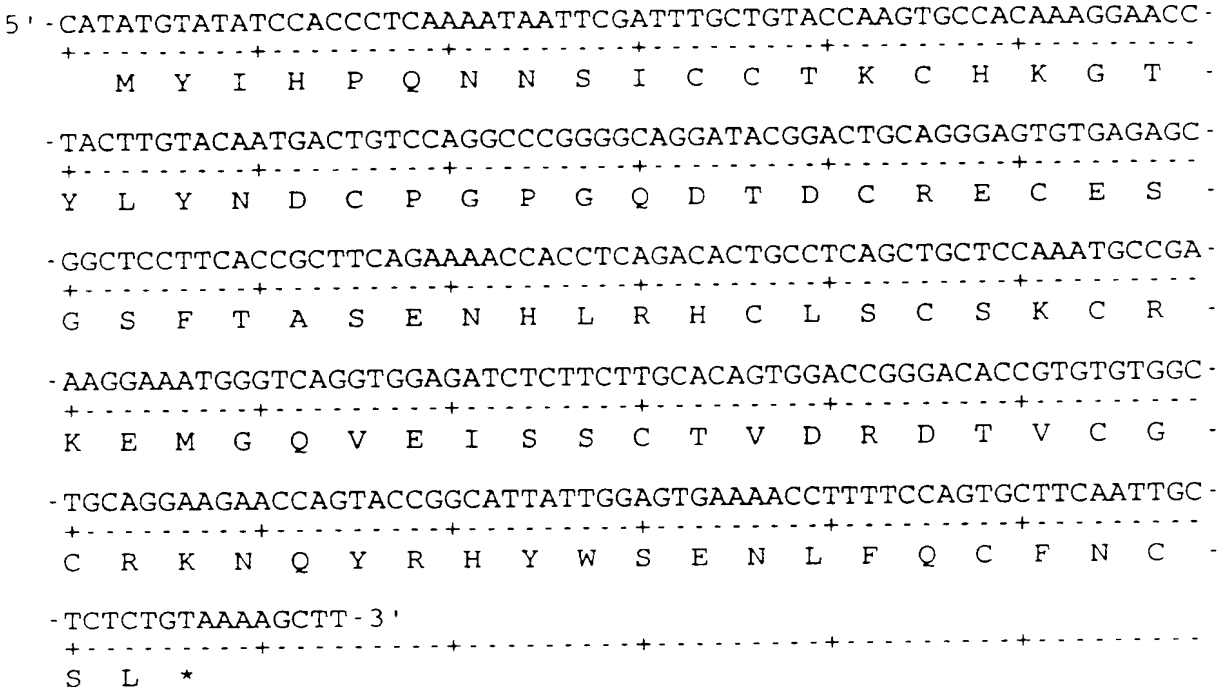

5'-CATATGTATATCCACCCTCAAAATAATTCGATTTGCTGTACCAAGTGCCACAAAGGAACC-
M Y I H P Q N N S I C C T K C H K G T
-TACTTGTACAATGACTGTCCAGGCCCGGGGCAGGATACGGACTGCAGGGAGTGTGAGAGC-
Y L Y N D C P G P G Q D T D C R E C E S
-GGCTCCTTCACCGCTTCAGAAAACCACCTCAGACACTGCCTCAGCTGCTCCAAATGCCGA-
G S F T A S E N H L R H C L S C S K C R
-AAGGAAATGGGTCAGGTGGAGATCTCTTCTTGCACAGTGGACCGGGACACCGTGTGTGGC-
K E M G Q V E I S S C T V D R D T V C G
-TGCAGGAAGAACCAGTACCGGCATTATTGGAGTGAAAACCTTTTCCAGTGCTTCAATTGC-
C R K N Q Y R H Y W S E N L F Q C F N C
-TCTCTGTAAAAGCTT-3'
S L *

FIG.6

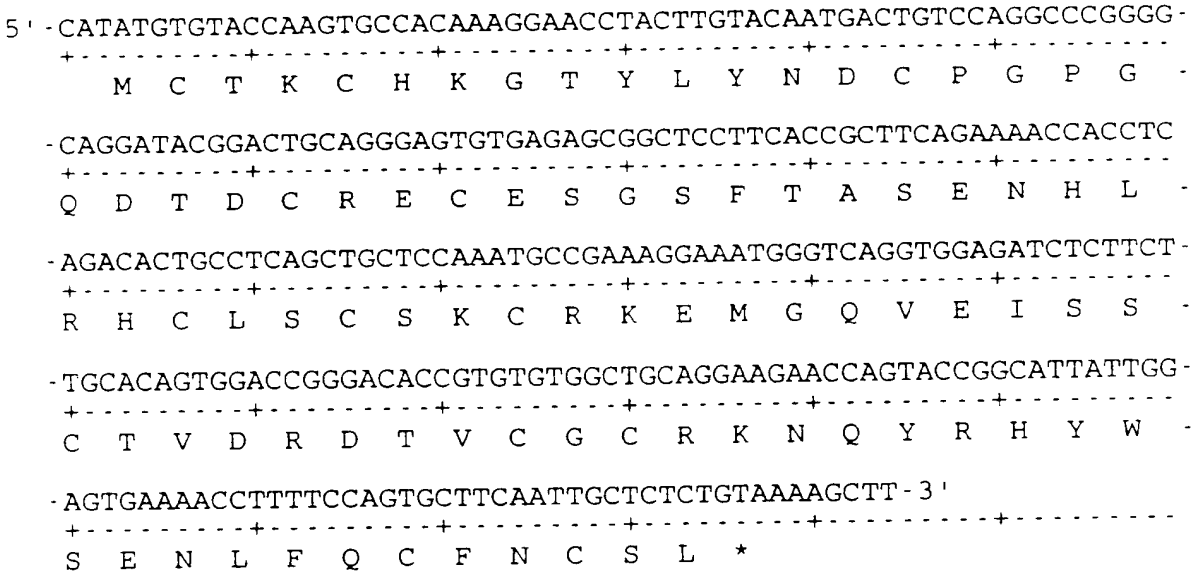

5'-CATATGTGTACCAAGTGCCACAAAGGAACCTACTTGTACAATGACTGTCCAGGCCCGGGG-
M C T K C H K G T Y L Y N D C P G P G
-CAGGATACGGACTGCAGGGAGTGTGAGAGCGGCTCCTTCACCGCTTCAGAAAACCACCTC
Q D T D C R E C E S G S F T A S E N H L
-AGACACTGCCTCAGCTGCTCCAAATGCCGAAAGGAAATGGGTCAGGTGGAGATCTCTTCT-
R H C L S C S K C R K E M G Q V E I S S
-TGCACAGTGGACCGGGACACCGTGTGTGGCTGCAGGAAGAACCAGTACCGGCATTATTGG-
C T V D R D T V C G C R K N Q Y R H Y W
-AGTGAAAACCTTTTCCAGTGCTTCAATTGCTCTCTGTAAAAGCTT-3'
S E N L F Q C F N C S L *

FIG.7

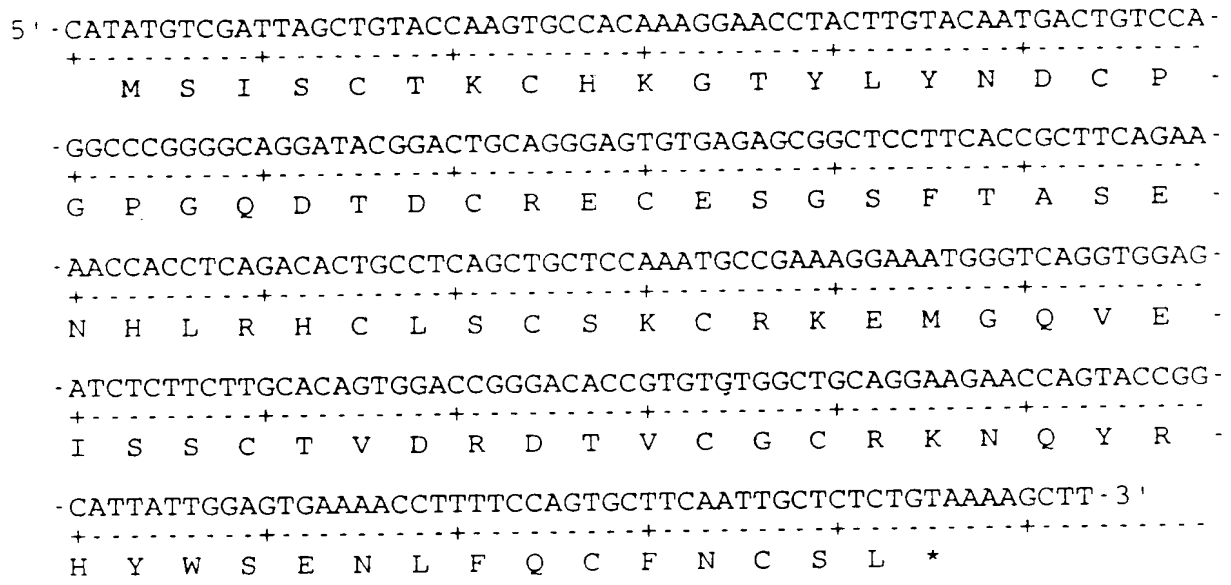

5'-CATATGTCGATTAGCTGTACCAAGTGCCACAAAGGAACCTACTTGTACAATGACTGTCCA-
M S I S C T K C H K G T Y L Y N D C P
-GGCCCGGGGCAGGATACGGACTGCAGGGAGTGTGAGAGCGGCTCCTTCACCGCTTCAGAA-
G P G Q D T D C R E C E S G S F T A S E
-AACCACCTCAGACACTGCCTCAGCTGCTCCAAATGCCGAAAGGAAATGGGTCAGGTGGAG-
N H L R H C L S C S K C R K E M G Q V E
-ATCTCTTCTTGCACAGTGGACCGGGACACCGTGTGTGGCTGCAGGAAGAACCAGTACCGG-
I S S C T V D R D T V C G C R K N Q Y R
-CATTATTGGAGTGAAAACCTTTTCCAGTGCTTCAATTGCTCTCTGTAAAAGCTT-3'
H Y W S E N L F Q C F N C S L *

FIG. 8

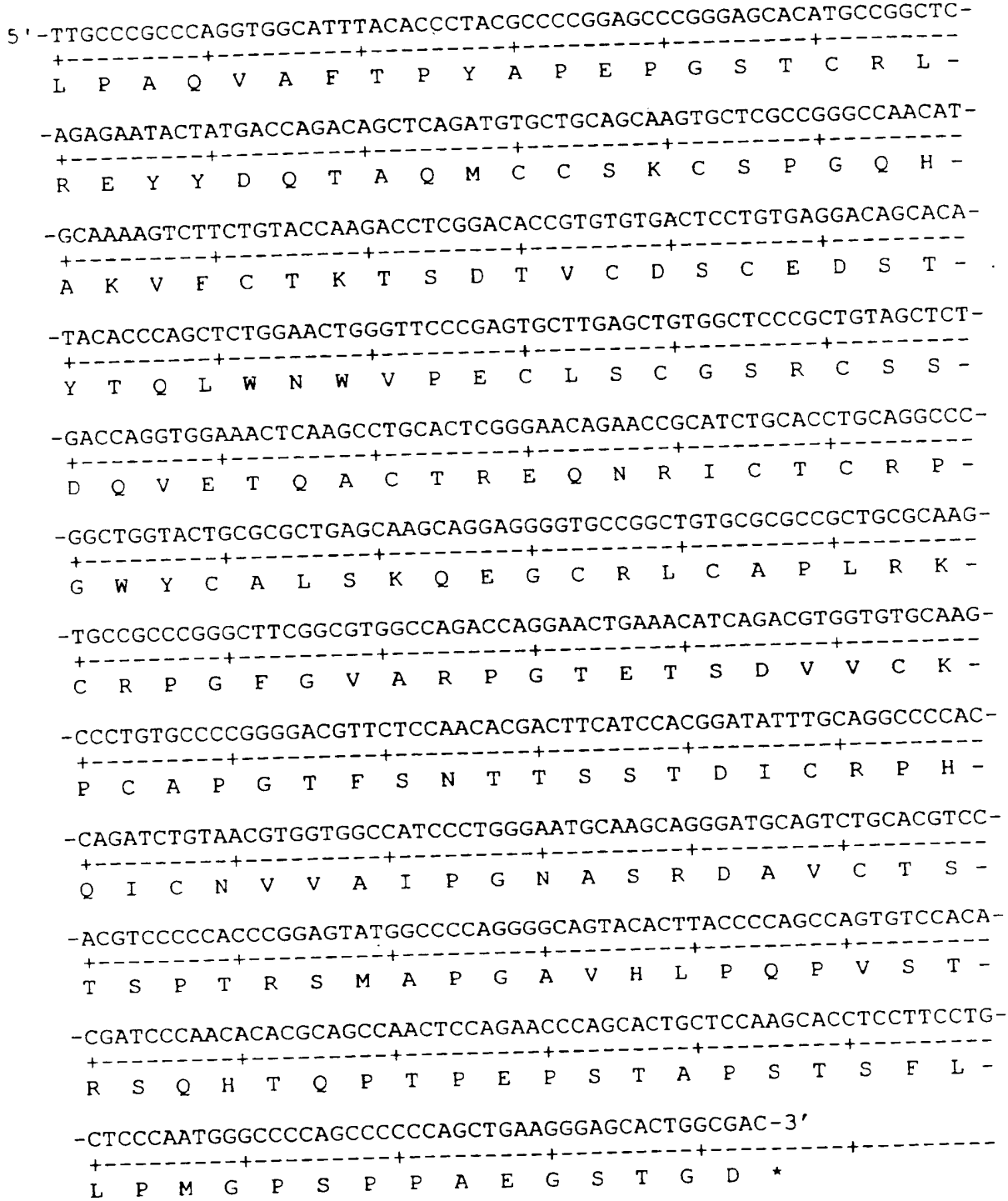

5'-TTGCCCGCCCAGGTGGCATTTACACCCTACGCCCCGGAGCCCGGGAGCACATGCCGGCTC-
L P A Q V A F T P Y A P E P G S T C R L -
-AGAGAATACTATGACCAGACAGCTCAGATGTGCTGCAGCAAGTGCTCGCCGGGCCAACAT-
R E Y Y D Q T A Q M C C S K C S P G Q H -
-GCAAAAGTCTTCTGTACCAAGACCTCGGACACCGTGTGTGACTCCTGTGAGGACAGCACA-
A K V F C T K T S D T V C D S C E D S T -
-TACACCCAGCTCTGGAACTGGGTTCCCGAGTGCTTGAGCTGTGGCTCCCGCTGTAGCTCT-
Y T Q L W N W V P E C L S C G S R C S S -
-GACCAGGTGGAAACTCAAGCCTGCACTCGGGAACAGAACCGCATCTGCACCTGCAGGCCC-
D Q V E T Q A C T R E Q N R I C T C R P -
-GGCTGGTACTGCGCGCTGAGCAAGCAGGAGGGGTGCCGGCTGTGCGCGCCGCTGCGCAAG-
G W Y C A L S K Q E G C R L C A P L R K -
-TGCCGCCCGGGCTTCGGCGTGGCCAGACCAGGAACTGAAACATCAGACGTGGTGTGCAAG-
C R P G F G V A R P G T E T S D V V C K -
-CCCTGTGCCCCGGGGACGTTCTCCAACACGACTTCATCCACGGATATTTGCAGGCCCCAC-
P C A P G T F S N T T S S T D I C R P H -
-CAGATCTGTAACGTGGTGGCCATCCCTGGGAATGCAAGCAGGGATGCAGTCTGCACGTCC-
Q I C N V V A I P G N A S R D A V C T S -
-ACGTCCCCCACCCGGAGTATGGCCCCAGGGGCAGTACACTTACCCCAGCCAGTGTCCACA-
T S P T R S M A P G A V H L P Q P V S T -
-CGATCCCAACACACGCAGCCAACTCCAGAACCCAGCACTGCTCCAAGCACCTCCTTCCTG-
R S Q H T Q P T P E P S T A P S T S F L -
-CTCCCAATGGGCCCCAGCCCCCCAGCTGAAGGGAGCACTGGCGAC-3'
L P M G P S P P A E G S T G D *

FIG. 9

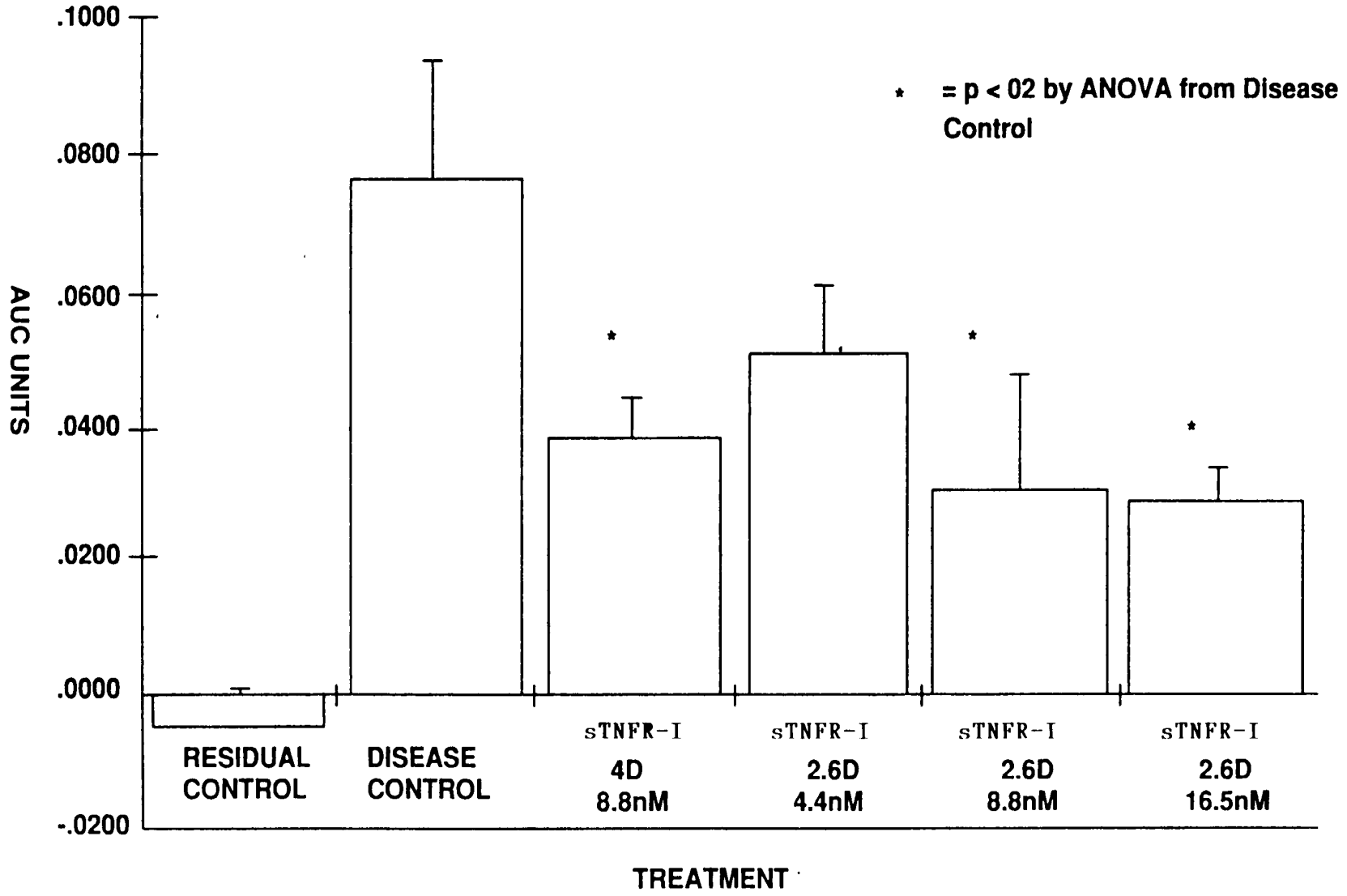

.1000
.0800
.0600
.0400
.0200
.0000
-.0200
AUC UNITS
* = p < 02 by ANOVA from Disease Control
RESIDUAL CONTROL
DISEASE CONTROL
sTNFR-I 4D 8.8nM
sTNFR-I 2.6D 4.4nM
sTNFR-I 2.6D 8.8nM
sTNFR-I 2.6D 16.5nM
TREATMENT

FIG. 10

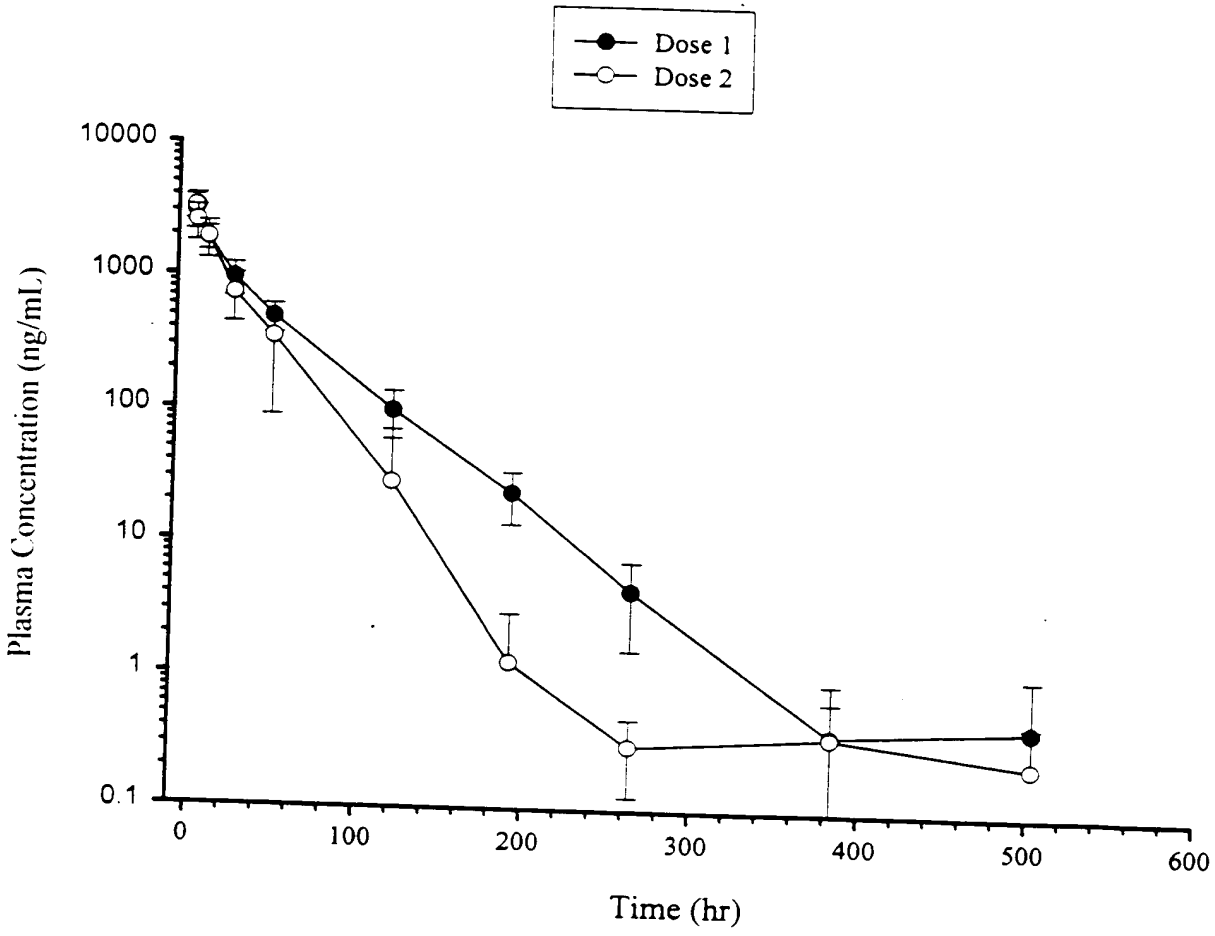

Dose 1
Dose 2
10000
1000
100
10
1
0.1
Plasma Concentration (ng/mL)
0
100
200
300
400
500
600
Time (hr)

FIG. 11

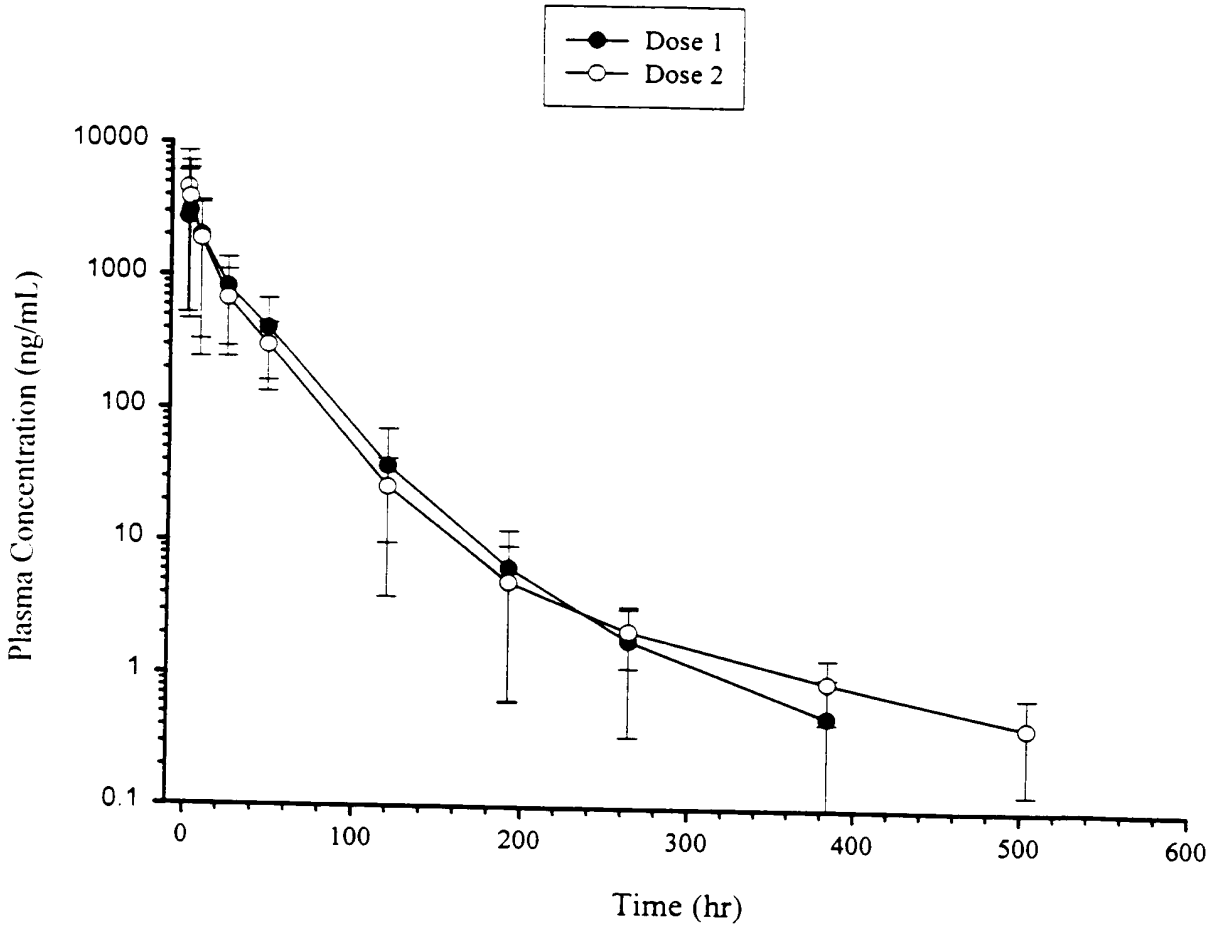

Dose 1
Dose 2
Plasma Concentration (ng/mL)
10000
1000
100
10
1
0.1
0
100
200
300
400
500
600
Time (hr)

FIG. 12

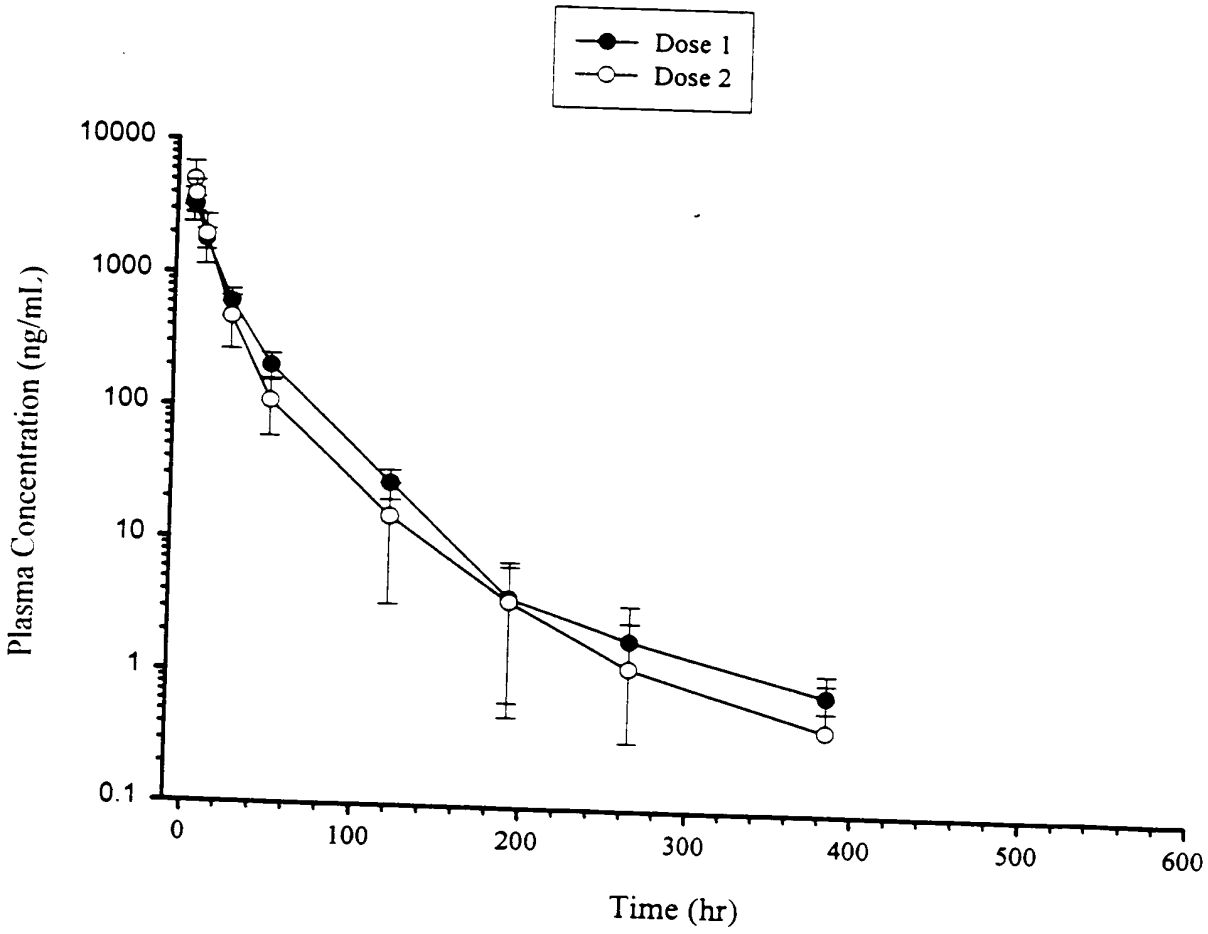
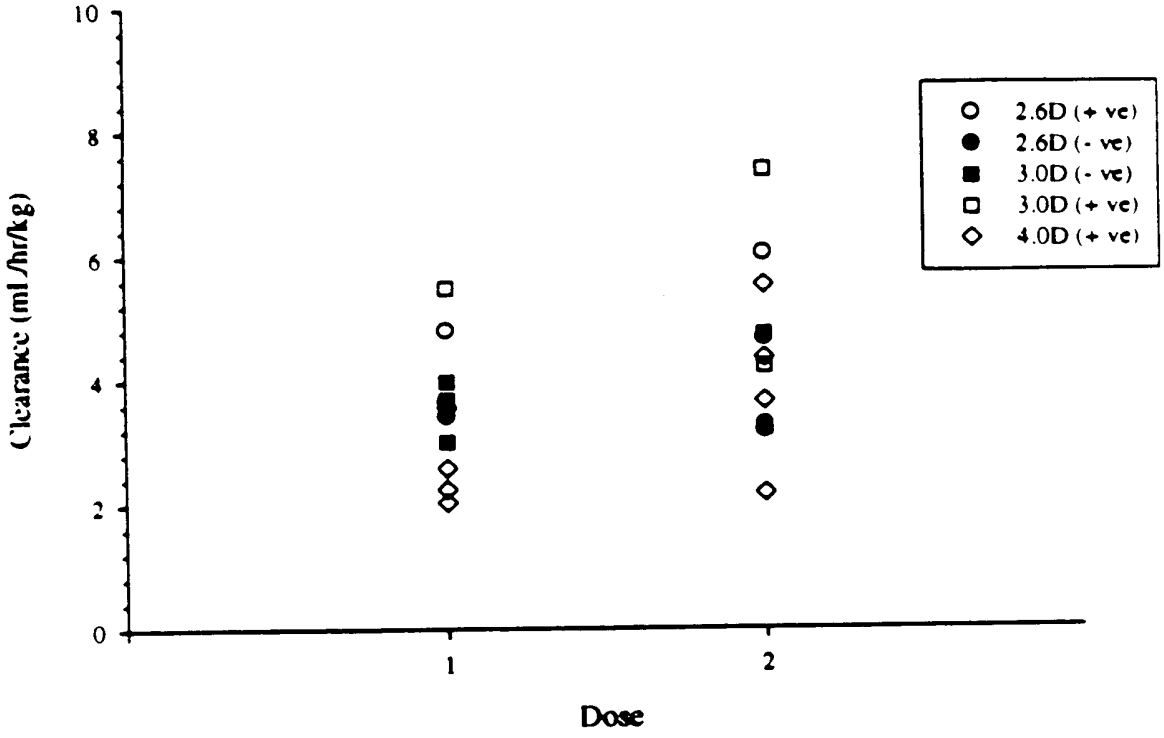

Dose 1
Dose 2
10000
1000
100
10
1
0.1
Plasma Concentration (ng/mL)
0
100
200
300
400
500
600
Time (hr)

FIG. 13


10
8
6
4
2
0
Clearance (ml/hr/kg)
1
2
Dose
2.6D (+ ve)
2.6D (- ve)
3.0D (- ve)
3.0D (+ ve)
4.0D (+ ve)